

Automatic filling and closing machine DFB for cups



Possible equipment:

Cup Dispenser
Bottom coding station

Filling station
Foil dispenser
or
Foil punching machine
Hot sealing station
Lidding station
Container ejection
Draw-off conveyor
and much more

Applications:

jam
honey
pie
mustard
ketchup
mayonnaise
french salad
yoghurt
water
juice
pudding
chocolate cream
caviar
and others

Technical data:

Basic filling ranges:	1-10 ml 5-50 ml 10-100 ml 20-450 ml 50-500 ml other ranges on request
Max. container dimension:	machine size 1: 100x100x100 mm machine size 2: 200x200x200 mm machine size 3: 300x300x300 mm
Number of parallel lines:	1-12
Product contacting parts:	stainless steel 1.4571 (AISI 316)
Sealing material:	NBR, Viton, PTFE, EPDM and others
Dosing system:	various dosing systems available due to product to be filled
Machine casing:	stainless steel 1.4301 (AISI 304)
Index drive:	servo motor (alternatively indexing gear)
Main drive:	400 V, 3 phase
Air supply:	7 bar
Output-Ranges:	

Lines	Machine type	max cups per minute
1	DFB-C-1	60
2	DFB-C-2	120
4	DFB-C-4	240
8	DFB-C-8	480
10	DFB-C-10	600
14	DFB-C-14	840
18	DFB-C-18	1080
20	DFB-C-20	1200

Note: above figures are for quite pasty products.

The more liquid the product is, the slower the indexing has to be done.

For juice, milk or drinking water above output figures have to be divided by 2,5 – 2,8

Special features available:

- Check weighing station with dynamic calibration
- Complete machine under Nitrogen cabinet
- Nitrogenizing station
- Air cleaning station for empty container
- Steam cleaning station for transport plates
- EDP-interface for full production data supervision

Example of interface settings

(in reference to the machine handbook)

